ARIZONA DEPARTMENT OF TRANSPORTATION

INTERMODAL TRANSPORTATION DIVISION
ENGINEERING CONSULTANTS SECTION
205 South 17th Avenue - Room 293E, Mail Drop 616E
Phoenix, Arizona 85007

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February 12, 1998

Engineering Consultants Section

INFORMATION BULLETIN 98-11

TO: Consultants

FROM: Engineering Consultants Section

SUBJECT: FHWA Technology Transfer Presentation

You are invited to attend a 2 hour Technology Transfer Presentation on February 19, 1998 at 10:00am regarding "Electronic Bore Hole Logging" provided by Mr. Stephen Hay from the Federal Highway Administration. The presentation will be held at ADOT's Materials Geotechnical Garage, 1221 N. 21st Ave., Phoenix, AZ. Some of the topics are:

1. Introduction to electronic bore hole logging
2. Preparing an electronic boring log in the field
3. Data transfer from the Newton to a PC
4. Creating a final paper boring log from a transferred file
5. Goals for electronic boring log in the future
6. Questions and group participation using software/hardware

There is no cost to attend, but reservations are recommended. For reservations, please contact Mr. J.J. Liu at (602) 255-8209 or e-mail jliu@dot.state.az.us

RET/ret

From:	J. J. Liu (Materials)
To:	Ronald Thomas
Cc:	John Lawson; Bruce Kay; Kamel Alqalam
Subject:	Please announce
Date:	Tuesday, February 10, 1998 4:40PM

Ron,

Could you inform all consultants performing geotechnical activities about the FHWA technology transfer presentation that will be held in ADOT Materials Group?

Thank you.

2/19/98, 10:00 AM -- 12:00 AM
"Electronic Bore Hole Logging," by Mr. Stephen Hay
Cost: None
Reservation: RECOMMENDED
Location: Geotechnical Garage, ADOT Materials Group
1221 N. 21st Ave., Phoenix, AZ 85009
ADOT Contact: Mr. J.J. Liu, 602-255-8209 (jliu@dot.state.az.us)

Topics:
INTRODUCTION TO ELECTRONIC BORE HOLE LOGGING
- What is electronic bore hole logging/purpose
- Project history
- Project status
- Software/hardware features of Newton

PREPARING AN ELECTRONIC BORING LOG IN THE FIELD
- Backing up data
- Weatherproofing the Newton

DATA TRANSFER FROM THE NEWTON TO A PC
- Equipment (external)
- Software (XPORT)
- Creating a file

CREATING A FINAL PAPER BORING LOG FROM A TRANSFERRED FILE
- GINT software
- Data storage

GOALS FOR ELECTRONIC BORING LOG IN THE FUTURE
- Newton 2100
- Data transfer via e-mail
- Weatherproofing

QUESTIONS AND GROUP PARTICIPATION USING SOFTWARE/HARDWARE